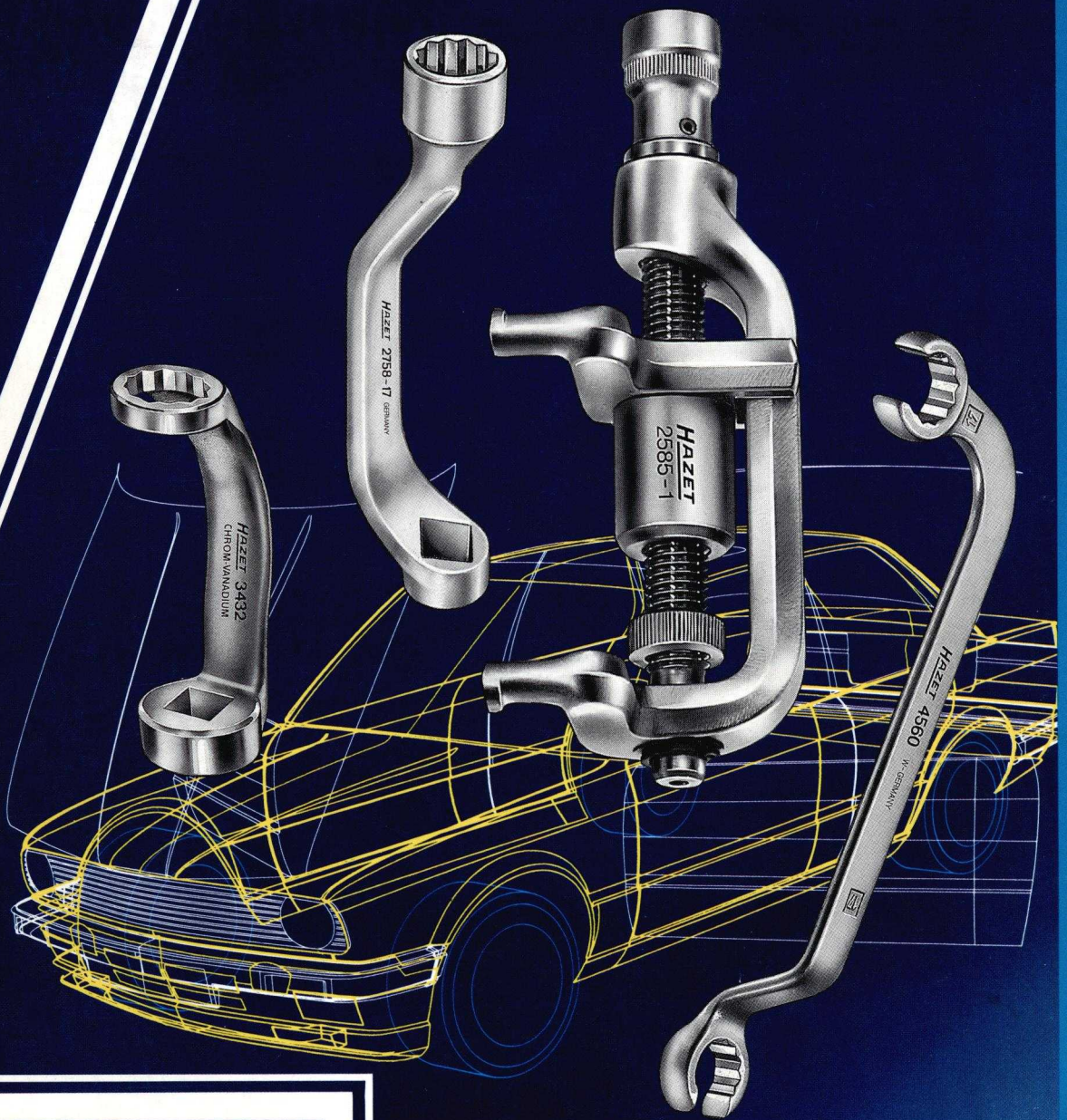




Specialty Tools



... for the modern automobile technician

*The contents of this brochure is an extract of the large **HAZET**-Programme especially put together for the motor vehicle expert.*

You will find many other tools for body, drivetrain and chassis for special applications in our latest Illustrated-List.

HAZET-WERK

HIGHEST TECHNOLOGY IN TOOL MANUFACTURE SINCE 1868



D-5630 REMSCHEID-1

✉ 10 04 61

☎ (0 21 91) 7 92-0

FAX (0 21 91) 7 92-200/300

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Remscheid HRB 293
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Hermann J. Zerver, Klaus Börsch

Factories at Remscheid
and Heinsberg



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Sheet Metal Crimping Tool

1932

Chrome-Vanadium

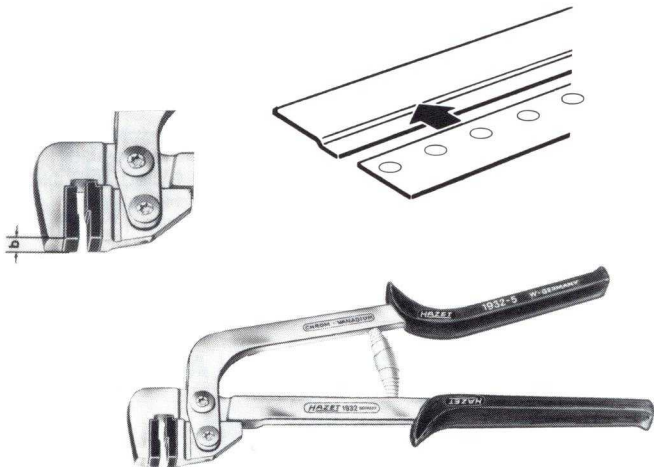
first use tool to offset edge on one sheet, then place second sheet upon offset strip and spot-weld or braze

to offset edges on sheet metal up to a thickness of 1 mm, using the HAZET 1932-1 model for short offset strips

HAZET 1932-2 tool for longer offset strips

* for punching sheet metal please use special punch HAZET 1964 (see right)

chrome-plated



| HAZET-No. | Ident-No. | settling depth mm | b mm | l mm |
|-----------|---------------|-------------------|------|------|
| 1932-1 | 51 53 73 0001 | 12 | 15 | 300 |
| 1932-2 | 51 53 73 0002 | 12 | 30 | 300 |

to be used together with HAZET 1932-6, especially for car body repair work (adhesive method) e. g. Opel vehicles

| | | | | |
|--------|---------------|----|----|-----|
| 1932-5 | 51 53 73 0003 | 20 | 15 | 300 |
|--------|---------------|----|----|-----|



Countersinking Punch

1932-6

Chrome-Vanadium

to be used together with HAZET 1932-5

for countersinking pre-drilled rivet holes (countersunk rivets 4 mm dia.) in car body repair work (adhesive method), e. g. Opel vehicles

chrome-plated



| HAZET-No. | Ident-No. | l mm |
|-----------|---------------|------|
| 1932-6 | 51 53 73 0004 | 300 |



Sheet Metal Punches

1964

Chrome-Vanadium

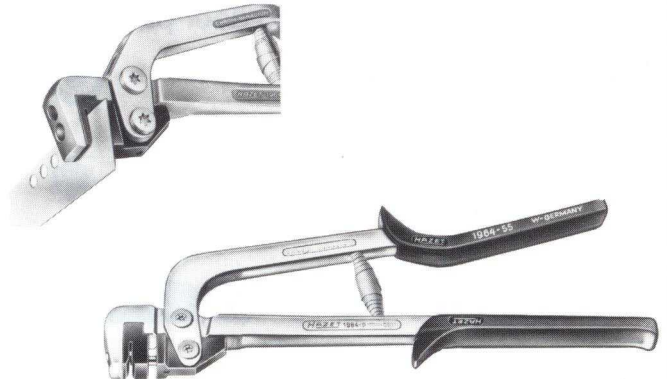
for punching sheet metal 0.65-1 mm thick in edge preparation for perforation MAG spot welding

to be used together with the HAZET 1932 - see left - Crimping Tool

advantages of punching in automobile repair welding engineering:

- Extra punching time will be more than compensated for by less grinding time
- Less grinding time
- Lower grinding wheel consumption
- Lower stress by shifting the perforated spot towards the neutral axis
- Larger sectional area in the connection because of hole in top plate

chrome-plated



| HAZET-No. | Ident-No. | Ø mm | l mm |
|-----------|---------------|------|------|
| 1964-50 | 51 53 73 0006 | 5 | 300 |
| 55 | 51 53 73 0007 | 5,5 | 300 |
| 70 | 51 53 73 0008 | 7 | 300 |



Welding Spot Cutter

1967

Cutting crown of High-Speed steel

for exact spot welding reaming in car body and sheet metal work,

with 7 mm hexagon shank and exchangeable cutter

Special features: Reversible cutter for use at both ends, depth gauge, no warped or torn material, hexagon shank to prevent slippage in drill chuck, fits power drills of all types,

nickel-plated, cutter black



| HAZET-No. | Ident-No. | Ø mm | l mm |
|-----------|---------------|------|------|
| 1967 | 51 98 98 0001 | 11 | 70 |

Spare Cutters (set of 10 pieces)

| | | | |
|---------|---------------|----|----|
| 1967-01 | 51 98 99 0001 | 11 | 13 |
|---------|---------------|----|----|



Welding Spot Drills

1967

Heavy-duty HS steel
with self-cutting center drill point
(to be resharpened),
for clean and burr-free holes in welding-spots
burnished



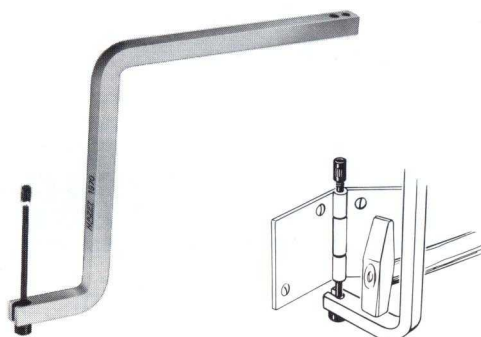
| HAZET- No. | Ident-No. | Ø mm | l mm | |
|---------------|---------------|---------|---------|--|
| 1967-70 80 | 51 98 98 0002 | 7 | 74 | |
| | 51 98 98 0003 | 8 | 79 | |



Impact Puller

1970

Special steel
with pin for extracting
door hinge bushes,
galvanized



Impact Puller (without pin)

| HAZET- No. | Ident-No. | l mm | |
|---------------|---------------|-----------|--|
| 1970 | 57 98 76 0001 | 310 x 220 | |

Extraction Pin

Top grade steel for maximum loads
burnished



| HAZET- No. | Ident-No. | l mm | Pin Shaft Ø mm | |
|---------------|-----------|---------|----------------------|--|
|---------------|-----------|---------|----------------------|--|

for double hinge bushes
FORD-Fiesta, CITROËN-Visa, GS, GSA, BX,
PEUGEOT 104, 205, 305, TALBOT-Samba

| | | | | |
|--------|---------------|-----|------|--|
| 1970-1 | 57 98 76 0002 | 110 | 3,85 | |
|--------|---------------|-----|------|--|

OPEL, PEUGEOT 504, 505, 605

| | | | | |
|--------|---------------|-----|---|--|
| 1970-2 | 57 98 76 0003 | 110 | 5 | |
|--------|---------------|-----|---|--|

RENAULT R 20, R 30

| | | | | |
|--------|---------------|-----|---|--|
| 1970-3 | 57 98 76 0004 | 125 | 5 | |
|--------|---------------|-----|---|--|

for plain hinge bushings
FORD-Granada, Taunus, Capri, Escort up to 80,
FORD-Fiesta,
CITROËN CX, TALBOT-Horizon, 1307, 1308, 1510

| | | | | |
|--------|---------------|-----|-----|--|
| 1970-4 | 57 98 76 0005 | 110 | 5,5 | |
|--------|---------------|-----|-----|--|



Screwdriver-Bit

2223

Lg-

T 25

TORX®



made of special steel,
long pattern,
for inside TORX® screws
especially for BMW,
e. g. for screws of the seat panel
and to adjust the steel roof of
series no. 3 and 5
6.3 = 1/4" hexagon drive
steel gray



| HAZET- No. | Ident-No. | mm | l mm | |
|---------------|---------------|------|---------|--|
| 2223 Lg-T 25 | 35 63 13 0019 | 4,43 | 65 | |

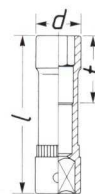


6-Point Socket

2564

1/2"

Chrome-Vanadium
for door lock strikers,
extra deep, with special relief-turned section,
without bevel on hex recess,
for all VW-Audi,
chrome-plated



| HAZET- No. | Ident-No. | s mm | l mm | d mm | t mm | |
|---------------|---------------|---------|---------|---------|---------|--|
| 2564 | 57 19 76 0001 | 15 | 82 | 21,5 | 35 | |



Screwdriver

2566

-2

New

Chrome-Vanadium
Ø-6.5 mm boring,
37 mm deep
with trinamic®-handle (protected by design patent),
black plastic material
for BMW M3, Z 1 (series 3 up to model 87),
for slotted screws at lighting-, pull- and fan
switches etc.,
chrome-plated



| HAZET- No. | Ident-No. | l mm | |
|---------------|---------------|---------|--|
| 2566-2 | 57 98 98 0010 | 110 | |

BODY



HAZET

Aligning Tool Set

2596

Chrome-Vanadium

for aligning door hinges
in all VW-cars, Audi 100 from model 83,
Polo (10.81-), Polo Coupé, Derby (2.82-), Golf,
Jetta, Scirocco, Caddy, Passat (11.80-), Santana,
Audi 100 (9.82-), Avant, Audi 200 (9.83-),
with tubular handle and 2 aligning pins,



| HAZET-No. | Ident-No. | Consisting of | |
|---------------|---------------|------------------------|--|
| 2596/3 | 57 48 76 0001 | 2596-1, 2596-2, 2596-3 | |

Tubular handle, galvanized

| | | | |
|---------------|---------------|-------------|--|
| 2596-1 | 57 48 76 0002 | 560 mm long | |
|---------------|---------------|-------------|--|

Aligning pins, burnished

| | | | |
|---------------|---------------|--|--|
| 2596-2 | 57 48 76 0003 | with thread size M 12 x 1,5 and collar, 100 mm long | |
| 2596-3 | 57 48 76 0004 | with thread size M 10 and M 8, 120 mm long | |



DRIVE



HAZET

Oil Filter Wrench

2169

for MANN- and KNECHT-filter
with SW **74 mm**, 14-Point and
 $\frac{3}{8}$ " internal □ drive
and SW 27 mm hex head drive,
(every wrench contains a detailed list
of application examples),
MB-No. 103 589 00 900,

$\frac{3}{8}$ "



e. g. for MERCEDES-Benz
passenger-cars
M 102, M 103, M 110,
BMW, VW-Audi, Ford,
Opel, Porsche, Peugeot,
Citroën, Renault,
Datsun, Toyota,
Mazda etc.

| HAZET-No. | Ident-No. | S mm | mm | |
|-------------|---------------|---------|----|--|
| 2169 | 57 19 64 0001 | 74 | 27 | |

HAZET

2169

-1

for PORULATOR- and KNECHT-filter
with SW **92 mm**, 15-Point
and $\frac{1}{2}$ " internal □ drive and
SW 27 mm outside hexagon drive,
(every wrench contains a detailed list
of application examples)

$\frac{1}{2}$ "

New



e. g. für Audi 80 D,
VW-Golf D, Jetta D,
Passat D, Santana D,
Porsche 911, Opel-
Diesel-Ascona, Omega,
Rekord, Senator,
Renault-Diesel R 5, 9,
11, 18, 20, 21, 25, 30,
Ford-Escort, Fiesta, Orion,
Capri, Fiat, Mitsubishi,
Nissan, Alfa-Romeo,
Honda etc.

| | | | | |
|---------------|---------------|---|----|--|
| 2169-1 | 57 19 64 0009 | - | 27 | |
|---------------|---------------|---|----|--|



Oil Service

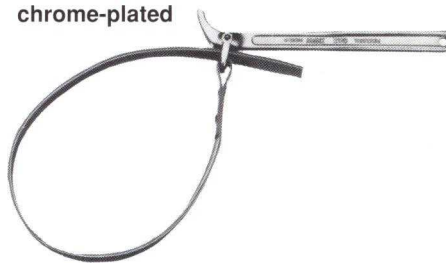
HAZET

Universal Strap Wrench

2170

Chrome-Vanadium

particularly for oil filters
and others circular screw joints,
non-slip strap, plastic coated,
chrome-plated



| HAZET-No. | Ident-No. | l mm | Ø mm | |
|-------------|---------------|---------|---------|--|
| 2170 | 49 47 98 0001 | 230 | 160 | |

HAZET

Oil Filter Wrenches DBGM

2171

for oil-filter of 65-110 mm Ø

steel strap adjustable
with hardened jaws,
bright nickel-plated



| HAZET-No. | Ident-No. | | |
|---------------|---------------|------------------------------|--|
| 2171-1 | 57 47 64 0001 | with $\frac{1}{2}$ " □ drive | |
| 2171-2 | 57 47 64 0002 | with release lever | |



Oil Filter Wrench DBGM

2172

3/8"

Special steel
applicable on almost all oil filters
particularly those in congested areas,
3/8" square drive

tool comes with an adapter
(3/8" ■—19 mm ●)
for the 3/8" □ drive in wrench,
burnished



| HAZET- No. | Ident-No. | l mm | sb mm | |
|---------------|---------------|---------|----------|--|
| 2172 | 57 98 64 0002 | 90 | 65-120 | |



Special Wrench

2567

for oil service
Chrome-Vanadium
tightening and loosening the oil filler
and drain plugs in the gearbox
(17 mm female), for VW-Audi
the oil filler and drain plugs in the
reduction gears (17 mm female),
chrome-plated



| HAZET- No. | Ident-No. | s mm | l mm | t mm | |
|---------------|---------------|---------|---------|---------|--|
| 2567 | 57 14 64 0002 | 17 x 21 | 253 | 10 | |



Special Wrenches for oil service

2760

Chrome-Vanadium
for loosening and tightening the oil drain
and filler plug in Mercedes-Benz type 107, 108, 109,
111, 113, 114, 115, 123, 124, 126/201, 129,
MB-No. 000 589 24 07 00,
chrome-plated



| | | | | | |
|------|---------------|---------|-----|---|--|
| 2760 | 57 14 64 0003 | 14 x 17 | 237 | — | |
|------|---------------|---------|-----|---|--|

in type 107, 110, 114, 115, 116, 123, 124, 126,
129, 201,
MB-No. 117 589 02 07 00



| | | | | | |
|--------|---------------|---------|-----|---|--|
| 2760-2 | 57 14 64 0004 | 14 x 13 | 287 | — | |
|--------|---------------|---------|-----|---|--|



Special Wrench

3667

Chrome-Vanadium
for drain and filler plugs on engine,
gearbox and rear axle for all Fiat,
6-point opening 12 mm,
box wrench 17 mm,
chrome-plated



| HAZET- No. | Ident-No. | s mm | l mm | |
|---------------|---------------|---------|---------|--|
| 3667 | 57 14 64 0005 | 12 x 17 | 225 | |



Special Wrenches for Oil Service

3701

Chrome-Vanadium
for drain plug on oil pan,
gearbox, differential on all Peugeot cars,
8 mm outside-square drive,
10 mm inside double-square drive,
chrome-plated



| | | | | |
|------|---------------|--------|-----|--|
| 3701 | 57 19 64 0002 | 8 x 10 | 235 | |
|------|---------------|--------|-----|--|

12 mm outside hexagon drive
for oil plug on oil pan,
gearbox, differential on all Simca cars



| | | | | |
|---------|---------------|----|-----|--|
| 3701-12 | 57 19 64 0003 | 12 | 230 | |
|---------|---------------|----|-----|--|



Screwdriver Sockets

3702

Chrome-Vanadium
for drain plug on oil pan, gearbox, differential
on all Peugeot cars,
chrome-plated

1/2"



| | | | | |
|------|---------------|---|----|--|
| 3702 | 57 24 64 0001 | 8 | 36 | |
|------|---------------|---|----|--|

on Peugeot 203, 403, 404, 604

| | | | | |
|--------|---------------|----|----|--|
| 3702-1 | 57 24 64 0002 | 10 | 36 | |
|--------|---------------|----|----|--|



Special Wrenches for Oil Service

3703

Chrome-Vanadium
with 8 and 10 mm outside-□ drive
for various french passenger cars,
chrome-plated




| | | | | |
|------|---------------|--------|-----|--|
| 3703 | 57 19 64 0004 | 8 x 10 | 240 | |
|------|---------------|--------|-----|--|


3830
Special Wrench
for Oil Service

Chrome-Vanadium

 for oil filler and drain plugs
on gearbox, oil drain plug on engine
for all Renault

 10 mm outside-square drive
10 mm inside double-square drive,
chrome-plated


| HAZET- No. | Ident-No. | S mm |  g | |
|---------------|---------------|---------|--|--|
| 3830 | 57 19 64 0005 | 10 | 225 | |


4374
Special Wrench
for oil service

Chrome-Vanadium

 for square head oil plugs
sizes S 14 and S 17 mm,
on all Nissan,

 with 8-point socket heads
lockable in any position,

chrome-plated bright heads



| HAZET- No. | Ident-No. | S mm | l mm | d ₁ mm | d ₂ mm | |
|---------------|---------------|---------|---------|----------------------|----------------------|--|
| 4374 | 57 19 64 0006 | 14 x 17 | 260 | 25 | 29 | |


4377
4-Point Socket

Chrome-Vanadium

 for oil duct plugs in automatic
transmission on Violet 710, A 10,
Bluebird 610, 810, 910, Bluebird
1984 U 11, Skyline C 110, C 210,
Laurel 200/240 C 230, 260 Z S 30,
280 ZX, 280 ZX-T S 130, 300 ZX Z 31,

chrome-plated bright heads


| HAZET- No. | Ident-No. |  " | l mm | |
|---------------|---------------|--|---------|--|
| 4377 | 57 19 64 0007 | 9/32 | 27 | |

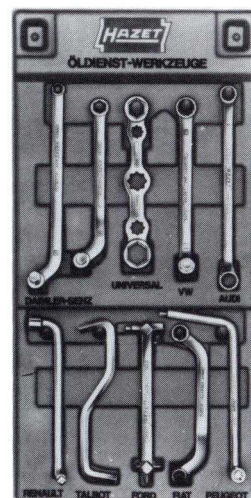

4616 T

 (old
ref.-no
616 T)

**Special Wrench Set
for drain and filler plugs**

Chrome-Vanadium

 for Mercedes-Benz, VW-Audi, Renault,
Talbot, Ford, Fiat, Peugeot etc.
on HAZET Plastic Display Board
350 x 700 mm,

chrome-plated


| HAZET- No. | Ident-No. | Contents | |
|-----------------|--|--------------------|---|
| 617 | Special Wrench for drain and filler plugs for various vehicles | 2760-2 | Special Wrench for oil service for Mercedes- Benz passenger cars, 14 x 13 mm |
| 4618 | dito, for Ford passenger cars | 3667 | dito, for Fiat passenger cars, 12 x 17 mm |
| 625- 17 x 19 | Box Wrench for Audi passenger cars 17 x 19 mm | 3701 | dito, for Peugeot passenger cars, 8 x 10 mm |
| 2567 | Special Wrench for VW, 17 x 21 mm | 3701-12 | dito, for Talbot passenger cars, 12 x 12 mm |
| 2760 | dito, for Mercedes- Benz passenger cars, 14 x 17 mm | 3830 | dito, for Renault passenger cars, 10 x 10 mm |
| 4616 T | 44 98 34 0002 | complete, 10 parts | |
| 4616 T L | 44 97 34 0003 | display board only | |


4618

 (old
ref.-no
618)

**Special Wrench
for drain and filler plugs**

Chrome-Vanadium

 with 5 straight square tangs:
8.7 9.5 10.5 11.5 13 mm,

 4 tapered square tangs:
6.8-9.1 10.5-13.7 15.2-18.3 16.5-19 mm
and a screwdriver blade 5.5 x 18 mm,

especially for Ford,

chrome-plated


| HAZET- No. | Ident-No. | l mm | |
|---------------|---------------|---------|--|
| 4618 | 57 98 64 0004 | 217 | |



Chain Type Pipe Cutter

2182

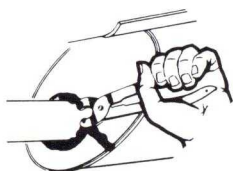
Special steel

for the clean cutting of tail-pipes up to 85 mm Ø by turning through just 90°, length of chain 270 mm,

with 15 guided wear-resistant cutting wheels,

 head **burnished**, handles **nickel-plated**, plastic coated **black**

Please oil pinion-type cutter before application!



| HAZET-No. | Ident-No. | l mm |
|-------------|---------------|---------|
| 2182 | 49 37 98 0003 | 235 |



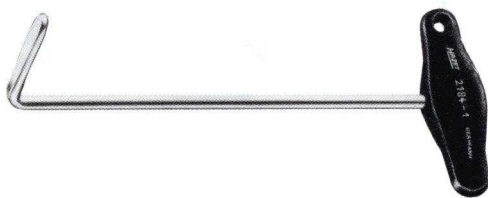
Mounting Hook

2184

Special steel

with transverse handle (protected by design patent) plastic, black, claw 40 mm, 9° bent off,

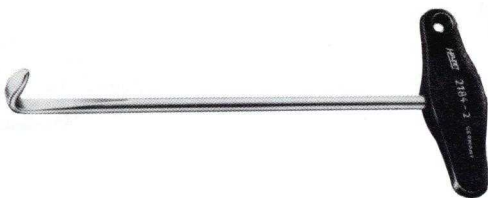
for mounting and dismounting of rubber retainers of the exhaust-equipment e. g. for FORD-Fiesta, Orion, Escort, BMW etc.

chrome-plated


| | | |
|---------------|---------------|-----|
| 2184-1 | 57 47 67 0005 | 210 |
|---------------|---------------|-----|

claw 17 mm, half round, 20° bent off,

e. g. for VW-Audi, Mercedes-Benz (except 190 Type 201), Opel, Japanese cars etc.



| | | |
|---------------|---------------|-----|
| 2184-2 | 57 47 67 0004 | 210 |
|---------------|---------------|-----|



Spring Tensioner

2585

Chrome-Vanadium

for mounting and removing the steel clamps at the ball flange in VW exhaust systems

Golf 1.5 I-70 HP, Diesel 1.5 I-50 HP, 1.6 I-54 HP,

Jetta 1.5 I-70 HP, Diesel 1.6 I-54 HP, Scirocco 1.5 I-70 HP,

drop-forged, with articulated handle,

chrome-plated


| HAZET-No. | Ident-No. | SW max. mm | l mm |
|-------------|---------------|------------------|---------|
| 2585 | 57 47 67 0001 | 77 | 145/340 |

Spring Tensioner

| HAZET-No. | Ident-No. | l mm |
|---------------|---------------|---------|
| 2585-1 | 57 47 67 0002 | 145 |

Articulated Handle with Plug 3/8" ■ / 3/8" □

| | | |
|---------------|---------------|-----|
| 2585-2 | 57 47 67 0003 | 340 |
|---------------|---------------|-----|



Taper Key Set

2586
N
New

Special steel

to assemble clamp springs (steelclamps) on exhaust systems with ballflange connection at all VW-vehicles

burnished

set consisting of 3 parts



2586 N-1



2586 N-2

| HAZET-No. | Ident-No. | Consisting of |
|-----------------|---------------|--------------------------|
| 2586 N/3 | 44 98 30 0007 | 1/2586 N-1 2/2586 N-2 |

Taper keys

to be sold separately as per below size:

95 mm length, 78 x 89 x 100 mm width

| | |
|-----------------|---------------|
| 2586 N-1 | 57 47 67 0008 |
|-----------------|---------------|

46 mm length, 86 x 89,5 x 100 mm width

| | |
|-----------------|---------------|
| 2586 N-2 | 57 47 67 0010 |
|-----------------|---------------|


HAZET
Spark Plug Wrenches
762
1/2"

Special Steel

well suited for work on engines with badly accessible sparkplugs, with 1/2" square drive for Ratchets e. g. 916 SP, 916 F, 916 N,

with universal joint, spring and rubber appliance,

chrome-plated


| HAZET-No. | Ident-No. | S mm | " | l mm | |
|------------|---------------|---------|-------|---------|--|
| 762 | 57 19 75 0002 | 20,8 | 13/16 | 300 | |

without spring,

Renault 30 TS, R 25 V6 Injection, A 310, Peugeot 104, 205, 305, 504 Coupé and Cabriolet, 505, Volvo 264 GL, 760 GLE, Fiat Uno 45 ie with cat., with fire-engine and American cars



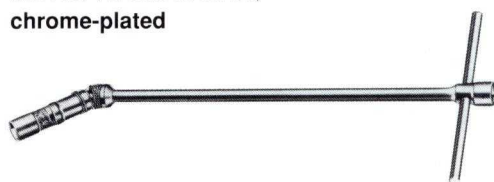
| | | | | | |
|--------------|---------------|----|-----|-----|--|
| 762-1 | 57 19 75 0003 | 16 | 5/8 | 300 | |
|--------------|---------------|----|-----|-----|--|

HAZET
Spark Plug Wrenches
**767
MgT**
1/2"

Chrome-Vanadium

for sparkplugs located at low level in all Mercedes-Benz engines except 615, 616, 617 and M 102, with universal joint, spring and permanent magnet,

with inside guide collar, MB-No. 117 589 00 09 00,

chrome-plated


| | | | | | |
|----------------|---------------|------|-------|-----|--|
| 767 MgT | 57 19 75 0006 | 20,8 | 13/16 | 470 | |
|----------------|---------------|------|-------|-----|--|

continued

HAZET
**767 A
MgT**
1/2"
Spark Plug Wrenches

(continued)

for Mercedes-Benz engines M 102 (200, 230 E, 200 T, 230 TE, 230 CE),

- ▶ with outside guide collar 25.5 mm, without inside guide collar, MB-No. 102 589 02 09 00



| HAZET-No. | Ident-No. | S mm | " | Nm | l mm | |
|------------------|---------------|---------|-----|----|---------|--|
| 767 A MgT | 57 19 75 0007 | 16 | 5/8 | — | 480 | |

HAZET
**767 A
CT-
20**
1/2"
Spark Plug Wrench

Chrome-Vanadium

for sparkplugs located at low level in all Mercedes-Benz engines M 102 (190, 190 E, 200, 230 E, 200 T, 230 TE, 230 CE)

with universal joint, spring and permanent magnet,

- ▶ with outside guide collar 25.5 mm and **torque limitation** 20 Nm,

MB-No. 102 589 01 09 00,

chrome-plated

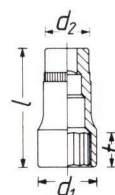

| | | | | | | |
|--------------------|---------------|----|-----|----|-----|--|
| 767 A CT-20 | 57 19 75 0008 | 16 | 5/8 | 20 | 530 | |
|--------------------|---------------|----|-----|----|-----|--|

HAZET
**880
MgT**
3/8"
6 Point Sockets

Chrome-Vanadium

long pattern, with permanent magnet and guide bush, centers all plugs automatically,

DBP and foreign patents,

chrome-plated, polished


| HAZET-No. | Ident-No. | S mm | " | l mm | d ₁ mm | d ₂ mm | t mm | |
|------------------|---------------|---------|-------|---------|----------------------|----------------------|---------|--|
| 880 MgT | 57 19 75 0009 | 20,8 | 13/16 | 64 | 27,4 | 22,5 | 9,0 | |
| 880 A MgT | 57 19 75 0010 | 16,0 | 5/8 | 64 | 21,6 | 21,7 | 8,5 | |

continued

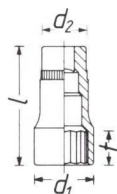

HAZET
6 Point Sockets

(continued)

880
MgT
-18

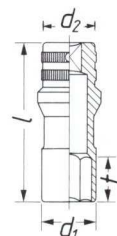
 with outside 6 Point, 17 mm,
 with permanent magnet,
 without outside guide collar
 and without guide bush

 for motor cycles: e. g. Honda, Yamaha,
 Suzuki, Kawasaki etc.

3/8


| HAZET- No. | Ident-No. | S | | l | d ₁ | d ₂ | t |
|-----------------------------|---------------|------|---|----|----------------|----------------|------|
| | | mm | " | mm | mm | mm | mm |
| 880 MgT-18 | 57 19 75 0027 | 18,0 | — | 62 | 23,5 | 17,0 | 10,0 |

HAZET
880 A
MgT

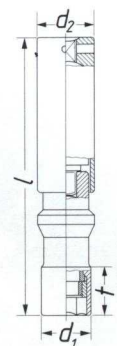
 with outside guide collar 23.6 mm,
 for deep-seated spark plugs
 on BMW 316 i, 318 i engine M 40,
 750 i engine M 70


| | | | | | | | |
|------------------------------|---------------|------|-----|----|------|------|-----|
| 880 A MgT-1 | 57 19 75 0011 | 16,0 | 5/8 | 64 | 21,9 | 21,0 | 8,5 |
|------------------------------|---------------|------|-----|----|------|------|-----|

 without outside guide collar
 especially for BMW-motorcycles K-models
 and BMW passenger cars (motoring M 3, M 5)


| | | | | | | | |
|------------------------------|---------------|------|-------|----|------|------|-----|
| 880 A MgT-3 | 57 19 75 0012 | 17,5 | 11/16 | 64 | 22,6 | 21,8 | 8,5 |
|------------------------------|---------------|------|-------|----|------|------|-----|

HAZET
880 A
CT-
20

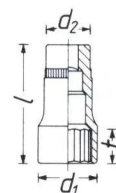
 with outside guide collar 25.5 mm,
 with **torque limited** to 20 Nm,
 for tightening sparkplugs up to the
 palpable and audible release
 at preset torque
 Sparkplug back-off is without
 torque limitation


| | | | | | | | |
|------------------------------|---------------|------|-----|-----|------|------|-----|
| 880 A CT-20 | 57 19 75 0013 | 16,0 | 5/8 | 125 | 22,0 | 25,5 | 9,0 |
|------------------------------|---------------|------|-----|-----|------|------|-----|

HAZET
6 Point Sockets

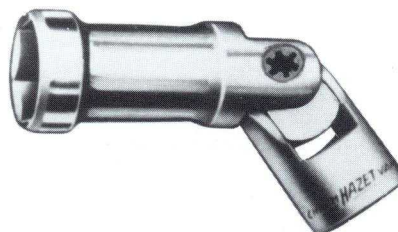
Chrome-Vanadium

 extra deep, for Sparkplugs,
 with permanent magnet and guide bush,
 to retain headless contact screw
 and/or screwed-on contact cap

 Sparkplug will already be guided at the contact screw
 DBP and foreign patents,
chrome-plated, polished
900
MgT
1/2


| HAZET- No. | Ident-No. | S | | l | d ₁ | d ₂ | t |
|----------------------------|---------------|------|-------|----|----------------|----------------|-----|
| | | mm | " | mm | mm | mm | mm |
| 900 MgT | 57 19 75 0014 | 20,8 | 13/16 | 68 | 27,4 | 22,5 | 9,0 |
| 900 A MgT | 57 19 75 0015 | 16,0 | 5/8 | 71 | 22,5 | 22,5 | 8,5 |

HAZET
962
1/2
Spark Plug Socket
with Universal Joint

 Chrome-Vanadium
 with rubber appliance
chrome-plated


| HAZET- No. | Ident-No. | S | | l |
|---------------|---------------|------|-------|----|
| | | mm | " | mm |
| 962 | 57 19 75 0016 | 20,8 | 13/16 | 97 |

HAZET
1849
Spark Plug Socket Pliers

Chrome-Vanadium

 for pulling and mounting sparkplug sockets,
 anti-heat terminals in particular,
 e. g. on Opel, VW-Audi etc.

 handles with black non-slip plastic jackets,
chrome-plated


| HAZET- No. | Ident-No. | l | |
|---------------|---------------|-----|---|
| | | mm | " |
| 1849 | 57 53 75 0001 | 200 | 8 |

DRIVETRAIN



Motor Components - Generator -

HAZET

Socket Wrench

2528
-13

3/8"

Chrome-Vanadium
with universal joint, t-handle and
3/8" □-drive
for VW-Golf 84,
generator holder,
chrome-plated



| HAZET- No. | Ident-No. | S mm | l mm | |
|---------------|---------------|---------|---------|--|
| 2528-13 | 57 19 77 0001 | 13 | 200 | |

HAZET

2590

3/8"

Socket Wrench

chrome-vanadium, chrome-plated, length 160 mm
consisting of 2 parts:

outside:

22 mm double hexagon and
22 mm outside hexagon drive

inside:

13 mm hexagon and 3/8" inside
square drive

for tensing the V-belt on
VW 1.6 I-turbo-diesel-engine and VW-diesel-engine
Rabbit (Golf), Jetta, Passat, Audi 2 l

chrome-plated



Outside



Inside

| HAZET- No. | Ident-No. | S mm | mm | S mm | □ " | l mm | |
|---------------|---------------|---------|----|---------|--------|---------|--|
| 2590 | 57 19 79 0001 | 22 | 13 | 22 | 3/8 | 160 | |

DRIVETRAIN



Motor Components - Starter -

HAZET

2755

Screwdriver Socket with Universal Joint

1/2"



Chrome-Vanadium
for hollow hex head screws
to be used with Extension HAZET 2762
for removing and installing the starter
on Mercedes-Benz passenger cars
MB-No. 123 589 02 10 00,
chrome-plated



| HAZET- No. | Ident-No. | S mm | l mm | |
|---------------|---------------|---------|---------|--|
| 2755 | 57 24 66 0001 | 10 | 140 | |

HAZET

2762

1/2"

Extension

Chrome-Vanadium
extra long

to be used with Screwdriver Socket with
Universal Joint HAZET 2755

for removing and installing the starter
on Mercedes-Benz passenger cars

This extension has a pin joint instead of a ball
connection to prevent the socket from slipping in
places difficult to reach

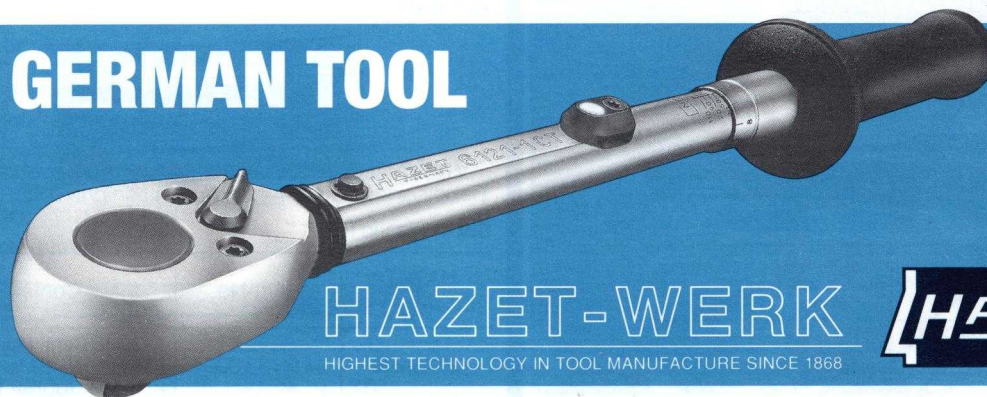
Use perforated sockets only!
(Grooved socket can no longer be released once
the pin has snapped home)

MB-No. 123 589 00 16 00,
chrome-plated, polished



| HAZET- No. | Ident-No. | l mm | |
|---------------|---------------|---------|--|
| 2762 | 25 87 87 0004 | 575 | |

THE GERMAN TOOL



HAZET-WERK

HIGHEST TECHNOLOGY IN TOOL MANUFACTURE SINCE 1868

HAZET®


HAZET
4650

 (old
ref.-no
802)

Battery Service-Kit

Acid-Proof, unbreakable, holds about 1 gall. of distilled water the two openings accommodate the battery filler and acid tester sealing the contents from contamination four side-compartments house the tools required, 280 x 135 x 245 mm



| HAZET-No. | Ident-No. | | |
|-----------|---------------|--------------------------------------|--|
| 4650/8 | 44 98 36 0007 | Battery Kit incl. Assortment 8 parts | |
| 4650 L | 44 97 36 0004 | Battery Kit, empty | |

CONSISTING OF

HAZET 0-4650/8

| | | | |
|---------|-----------------------------------|--------|-----------------------------------|
| 450 | Doubel Open End Wrench 10 x 13 mm | 4650-0 | Battery Filler |
| 760 N-2 | Universal or Waterpump Plier 10" | 4650-1 | Acid Tester |
| 830-2 | Screwdriver 0,8 x 4 x 100 mm | 4650-2 | Battery Terminal Lifter |
| 1848 | Battery Plier 8" | 4650-4 | Battery Pole and Terminal Cleaner |

Assortment without Battery Kit

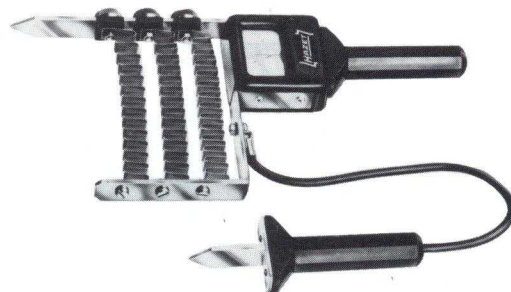
| | | | |
|----------|---------------|---------|--|
| 0-4650/8 | 44 98 44 0007 | 8 parts | |
|----------|---------------|---------|--|

HAZET
4650
-5

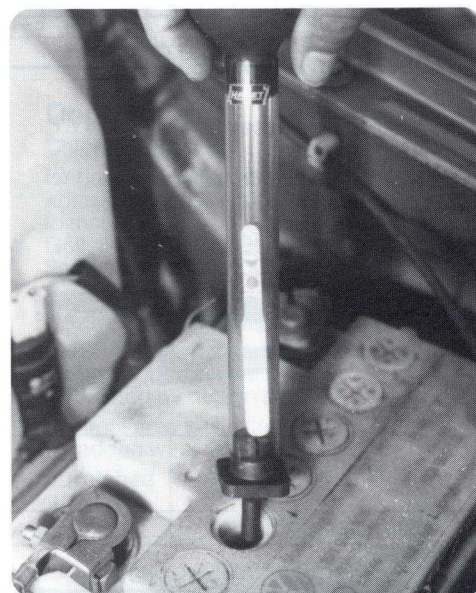
 (old
ref.-no
802-53)

Battery Cell Tester

with voltmeter 12-0-12 V, also for modern monobloc batteries with varying pole spacing, maximum amperage at 12 V max. 300 A, 6 V max. 150 A,



| HAZET-No. | Ident-No. | l mm | mm | |
|-----------|---------------|------|----------|--|
| 4650-5 | 57 98 68 0006 | 340 | max. 380 | |


HAZET
2528
-13
3/8"
Socket Wrench

Chrome-Vanadium with universal joint, t-handle and 3/8" □-drive, for VW-Golf 84 (diesel), coolant pump chrome-plated



| HAZET-No. | Ident-No. | S mm | l mm | |
|-----------|---------------|------|------|--|
| 2528-13 | 57 19 77 0001 | 13 | 200 | |

HAZET
2572
1/4"
New
6-Point Socket

Chrome-Vanadium with ball clamping (annular spring and ball) for screwed joint at the cooling water pump, type Polo and Golf, with engines of 0.9, 1.05, 1.1 and 1.3 l chrome-plated



| HAZET-No. | Ident-No. | S mm | l mm | |
|-----------|---------------|------|------|--|
| 2572 | 23 85 10 0001 | 10 | 33 | |


Assortment of Shims
2575

for valve adjusting on VW-Audi, Ford 1.6 l diesel engine, Fiesta, Escort, Orion, 1.8 l diesel engine, Fiesta, Escort, Orion since model 89, 1.8 l diesel engine, Sierra-Turbo and Volvo,

the valves adjusted by inserting valve shims of various thicknesses,

Assortment 104 Parts in 26 thicknesses form 3.00 to 4.25 mm, in increments of 0.05 31 mm Ø, 4 discs to each thickness,

HAZET-coloured sheet metal box



| HAZET-No. | Ident-No. | | Contents | | | | |
|-----------------|----------------------|------|------------------|------|---------|------|------|
| 4 parts | 3,00 | 3,05 | 3,10 | 3,15 | 3,20 | 3,25 | 3,30 |
| | 3,35 | 3,40 | 3,45 | 3,50 | 3,55 | 3,60 | 3,65 |
| | 3,70 | 3,75 | 3,80 | 3,85 | 3,90 | 3,95 | 4,00 |
| | 4,05 | 4,10 | 4,15 | 4,20 | 4,25 mm | | |
| 2575/104 | 44 48 35 0001 | | 104 parts | | | | |

Valve Shims 4 of each thickness in polythene bags

| HAZET-No. | Ident-No. | mm |
|-----------------|---------------|------|
| 2575-300 | 57 48 62 0003 | 3,00 |
| 305 | 57 48 62 0004 | 3,05 |
| 310 | 57 48 62 0005 | 3,10 |
| 315 | 57 48 62 0006 | 3,15 |
| 320 | 57 48 62 0007 | 3,20 |
| 325 | 57 48 62 0008 | 3,25 |
| 330 | 57 48 62 0009 | 3,30 |
| 335 | 57 48 62 0010 | 3,35 |
| 340 | 57 48 62 0011 | 3,40 |
| 345 | 57 48 62 0012 | 3,45 |
| 350 | 57 48 62 0013 | 3,50 |
| 355 | 57 48 62 0014 | 3,55 |
| 360 | 57 48 62 0015 | 3,60 |
| 365 | 57 48 62 0016 | 3,65 |
| 370 | 57 48 62 0017 | 3,70 |
| 375 | 57 48 62 0018 | 3,75 |
| 380 | 57 48 62 0019 | 3,80 |
| 385 | 57 48 62 0020 | 3,85 |
| 390 | 57 48 62 0021 | 3,90 |
| 395 | 57 48 62 0022 | 3,95 |
| 400 | 57 48 62 0023 | 4,00 |
| 405 | 57 48 62 0024 | 4,05 |
| 410 | 57 48 62 0025 | 4,10 |
| 415 | 57 48 62 0026 | 4,15 |
| 420 | 57 48 62 0027 | 4,20 |
| 425 | 57 48 62 0028 | 4,25 |
| 430 | 57 48 62 0029 | 4,30 |
| 435 | 57 48 62 0030 | 4,35 |
| 440 | 57 48 62 0031 | 4,40 |
| 445 | 57 48 62 0032 | 4,45 |
| 450 | 57 48 62 0033 | 4,50 |
| 455 | 57 48 62 0034 | 4,55 |
| 460 | 57 48 62 0035 | 4,60 |
| 465 | 57 48 62 0036 | 4,65 |
| 470 | 57 48 62 0037 | 4,70 |
| 475 | 57 48 62 0038 | 4,75 |


Seal Pusher
2577

Special steel

for pushing seals upon valve stems in all VW-Audi models, with black HAZET-ergonomic® plastic handle (protected by design patent),

burnished



| HAZET-No. | Ident-No. | l mm |
|-------------|---------------|---------|
| 2577 | 57 45 62 0001 | 134 |


Valve Spring Lever
2577
-1

Special steel

for compressing valve springs when renewing valve stem seals in VW-Audi with valve rocker arm engines 0.9 S 3 1.3 l, Polo (10.81-), Derby (2.82-), Polo Coupé, Golf, Jetta, Scirocco, Caddy, Golf 84, Passat (11.80-), Santana, Audi 80 (8.78-), for instance,

to be used with HAZET 791-5, 2577 and 3428, plastic jacket on handle end, claw hardened

steel-grey, nickel-plated handle



| | | |
|---------------|---------------|-----|
| 2577-1 | 57 48 62 0039 | 340 |
|---------------|---------------|-----|


Valve Spring Tensioner DBGM
2577
-2

Chrome-Vanadium

for compressing valve springs when renewing valve stem seals in VW-Audi bucket tapped engines 1.3 l and over, to be used with HAZET 2574 resp. 2574-1, 2599, 791-5 or 2577, 3428,

with exchangeable plastic ram and pivot anchor with female thread for fixing to camshaft fixation stud,

with black HAZET-ergonomic® plastic handle (protected by design patent)

chrome-plated



| | | |
|---------------|---------------|-----|
| 2577-2 | 57 48 62 0040 | 400 |
|---------------|---------------|-----|


Double-Pin Wrench
2587

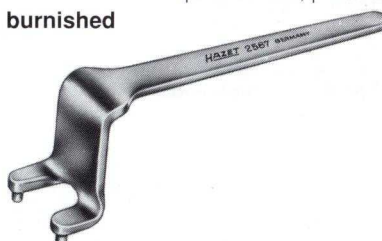
for two-hole nuts

Special steel

for the toothed belt tensioning roller on 1.6 l diesel-engine types VW 2/80, Golf, Jetta, Passat, Audi 80, offset,

offset distance of pins 18 mm, pin-diameter 2,9 mm

burnished



| | | |
|-------------|---------------|-----|
| 2587 | 57 98 98 0005 | 140 |
|-------------|---------------|-----|


2599
Clearance Disc Pincers

Chrome-Vanadium

for changing the clearance discs with bucket tappet depressed, on all engines with bucket tappet, all VW-Audi 1.3 l and more,

in connection with Valve Adjustment Tool HAZET 2574 or 2574-1, see page 21,

 Points have been given extra heat treatment, **galvanized, Tips black**


| HAZET-No. | Ident-No. | l mm |
|-----------|---------------|---------|
| 2599 | 57 53 62 0002 | 265 |


2761
Square Through-Plug

Chrome-Vanadium

with 8 latch balls,

to be used with Ratchet HAZET 916 DK,

chrome-plated,

for turning engine over when adjusting valves, port timing etc. in Mercedes-Benz types with injection pump

MB-No. 617 589 00 16 00,

chrome-plated


2761



916 DK

| | | |
|--------|---------------|-----|
| 2761 | 25 87 87 0006 | 80 |
| 916 DK | 26 35 87 0005 | 254 |


2767
Valve Adjusting Wrench

Chrome-Vanadium

for Mercedes-Benz M 102 until 9/84

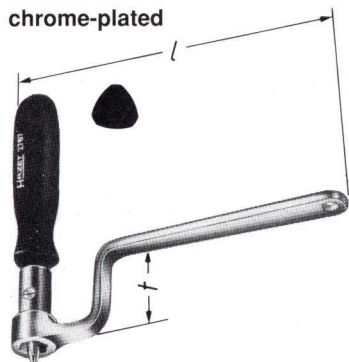
and M 102.983 (190 E 2.3/16),

102.990 (190 E 2.5/16 V)

with Phillips Recess screwdriver blade Size PH 2,

with trinamic®-handle, black plastic material (protected by design patent),

MB-No. 102 589 00 09 00

chrome-plated


| HAZET-No. | Ident-No. | s mm | l mm | t mm |
|-----------|---------------|---------|---------|---------|
| 2767 | 57 39 62 0001 | 13 | 165 | 45 |


2768
-1
1/2
Valve Adjusting Wrench

Chrome-Vanadium

for adjusting valves

to be used with

Torque Wrench HAZET 6121-1 CT

in Mercedes-Benz types 100, 110, 114, 115, 123, 130, MB-No. 110 589 00 01 00,

chrome-plated


| HAZET-No. | Ident-No. | s mm | l mm |
|-----------|---------------|---------|---------|
| 2768-1 | 57 11 62 0001 | 17 | 67 |


2769
Valve Adjusting Wrenches

Chrome-Vanadium

both wrenches are to be used together

for adjusting valves in Mercedes-Benz M 615 (200 D, 220 D), M 616 (240 D, 240 TD),

in connection with Valve Spring Retainer Wrench HAZET 2769-3 (single)

in M 617 (240 D 3.0, 300 SD - USA -, 300 GD,

300 D, 300 TD, 300 CD - USA -),

OM 615 (406 D), OM 616 (207 D, 307 D, 407 D),

MB-No. 615 589 00 01 00,

chrome-plated


| | | | |
|------|---------------|----|-----|
| 2769 | 57 11 62 0002 | 14 | 225 |
|------|---------------|----|-----|

both wrenches are to be used together

for adjusting valves

in Mercedes-Benz OM 615 (Unimog, MB trac), OM 616 (Unimog, MB trac),

in connection with Valve Spring Retainer Wrench HAZET 2769-3 (single)

in OM 621 (Unimog, MB trac),

MB-No. 421 589 00 01 00



| | | | |
|--------|---------------|----|-----|
| 2769-1 | 57 11 62 0003 | 14 | 160 |
|--------|---------------|----|-----|


2769
-3
Valve Spring Retainer Wrench

Chrome-Vanadium

for adjusting valves

(locks valve in place during valve adjustment)

to be used with Valve Adjustment Wrenches HAZET 2769 or 2769-1

for types described above, MB-No. 615 589 00 03 00,

chrome-plated


| | | | |
|--------|---------------|----|-----|
| 2769-3 | 57 13 62 0001 | 30 | 170 |
|--------|---------------|----|-----|

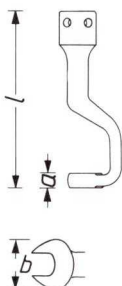


Crowfoot Wrenches

2770
(old
ref.-no
329)

1/2"

Chrome-Vanadium
for valve adjustment
for Mercedes-Benz-cars (2770-2 to -4)
for Nissan-cars (2770-3)
Application: see below
drop forged,
chrome-plated



to be used with torque wrench 6110-1 CT and
adapter 8858-2

| HAZET- No. | Ident-No. | s mm | l mm | a mm | b mm |
|---------------|-----------|---------|---------|---------|---------|
|---------------|-----------|---------|---------|---------|---------|

MB-No. 000 589 39 07 00
on Mercedes-Benz-passenger cars since model 68 (except diesel,
250 CE and 3.5 l types)

| | | | | | |
|---------------|---------------|----|-----|------|----|
| 2770-2 | 57 11 62 0007 | 14 | 110 | 11,0 | 30 |
|---------------|---------------|----|-----|------|----|

on Mercedes-Benz-passenger cars since model 68 (except diesel,
250 CE and 3.5 l types)

on Nissan Violet 710, A 10, Bluebird 610, 810, 910,
Skyline C 110, C 210, Laurel 230, C 31, 260 ZS 30, 280 ZX, -T,
S 130, Patrol 160

| | | | | | |
|---------------|---------------|----|-----|------|----|
| 2770-3 | 57 11 62 0008 | 17 | 125 | 11,0 | 35 |
|---------------|---------------|----|-----|------|----|

on Mercedes-Benz M 116 (3.5 l/4.5 l V 8)

| | | | | | |
|---------------|---------------|----|-----|------|----|
| 2770-4 | 57 11 62 0009 | 17 | 110 | 12,5 | 38 |
|---------------|---------------|----|-----|------|----|



Valve Adjusting Wrench

2771

Chrome-Vanadium
for valve adjusting
Tappet-springs need not to be removed
in Mercedes-Benz M 110 (280, 280 C, 280 E, 280 CE,
280 S, 280 SE, 280 SL, 280 SL C),
extra long,
MB-No. 110 589 01 01 00,
chrome-plated



| HAZET- No. | Ident-No. | s mm | l mm |
|---------------|---------------|---------|---------|
| 2771 | 57 12 62 0001 | 17 | 350 |



Compressed Air Adapter

3428

Special steel
for keeping installed valves raised when removing or
mounting valve springs and for the renewal of valve
stem seals,
with sparkplug threads M 14 and M 18
and air coupling,
13 mm 6-Point,
e. g. for VW-Audi, Ford, Mercedes-Benz etc.



| | | | |
|-------------|---------------|---|-----|
| 3428 | 57 98 62 0005 | - | 140 |
|-------------|---------------|---|-----|



Valve Adjusting Wrench

3429

Special steel
to be used with
Crowfoot Wrench HAZET 3429-5
and Torque Wrench HAZET 6010-1 CT
for valve adjustment in cars
with OHC engines, especially with
Weber-carburetors,
Handle swings through 360°,
chrome-plated



| HAZET- No. | Ident-No. | s mm | l mm | a mm | b mm |
|---------------|---------------|---------|---------|---------|---------|
| 3429 | 57 11 62 0004 | 15 | 200 | - | - |



Crowfoot Wrench

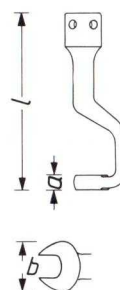
3429

-5

(old
ref.-no
329-5)

1/2"

Chrome-Vanadium
for Ford cars with OHC-engines,
especially with Weber-carburetors;
to be used with Crowfoot Wrench
HAZET 3429



| | | | | | |
|---------------|---------------|----|-----|------|----|
| 3429-5 | 57 11 62 0010 | 19 | 125 | 11,0 | 35 |
|---------------|---------------|----|-----|------|----|



Depressor

3474

Chrome-Vanadium
for preloading cam followers when exchanging valve
adjusting shims, on 1.6 l diesel-engine of Ford-Fiesta,
Escort and Orion
1.8 l diesel-engine Fiesta, Escort, Orion since model 89,
1.8 l diesel-engine Sierra-Turbo,
in connection with Clearance Disc Pincer 3499
with HAZET-ergonomic®-handle, black plastic
(protected by design patent)
Points have been given extra heat treatment
burnished



| HAZET- No. | Ident-No. | l mm |
|---------------|---------------|---------|
| 3474 | 57 48 62 0041 | 240 |



Valve Shim Pliers

3499

Chrome-Vanadium
for changing the valve shims with bucket tappet
depressed on all engines with bucket tappet,
for 1.6 l diesel-engine Ford-Fiesta, Escort, Orion,
1.8 l diesel-engine Fiesta, Escort, Orion since model 89,
1.8 l diesel-engine Sierra-Turbo,
in connection with Valve Adjustment Tool HAZET 3474
Points have been given extra heat treatment,
galvanized, Tips black



| | | |
|-------------|---------------|-----|
| 3499 | 57 53 62 0004 | 260 |
|-------------|---------------|-----|



Valve Adjusting Wrenches

4372

Chrome-Vanadium

for Nissan Violet 710, A 10, Bluebird 610, 810, 910, Skyline C 110, C 210, Laurel 200/240 C 230, 2.0 2.4 2.8 D C 31, 260 Z S 30, 280 ZX, 280 ZX-T S 130, Patrol 160,

both wrenches are to be used together, **chrome-plated**



| HAZET-No. | Ident-No. | S mm | l mm |
|-----------|---------------|---------|---------|
| 4372-14 | 57 11 62 0005 | 14 | 210 |
| 4372-17 | 57 11 62 0006 | 17 | 225 |



Seal Pushers

4385

for pushing seals upon the valve stems in Nissan four-cylinder gasoline and diesel engines E 13 and D 15, Cherry, Sunny, with plastic-handle, black, with full-length metal shank



| HAZET-No. | Ident-No. | l mm |
|-----------|---------------|---------|
| 4385 | 57 45 62 0002 | 122 |

with trinamic®-handle (protected by design patent), black plastic material
for engine M 70



| | | |
|--------|---------------|-----|
| 4385-1 | 57 45 62 0003 | 132 |
|--------|---------------|-----|



Screwdriver Sockets

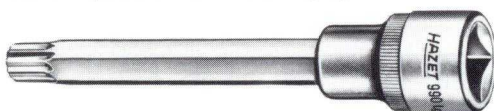
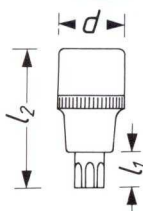
990 S

Lg

1/2"



Sockets: Chrom-Vanadium, Blades: Special High Tensile Steel 1/2" □ drive (DIN 3120), for XZN screws, extra long pattern for cylinder head screws on engines of various car-types, **chrome-plated**, blades **steel-grey**



| HAZET-No. | Ident-No. | M | l ₁ mm | l ₂ mm | d mm |
|-------------|---------------|----|----------------------|----------------------|---------|
| 990 S Lg-10 | 24 87 17 0011 | 10 | 82 | 120 | 23 |
| 12 | 24 87 17 0012 | 12 | 102 | 140 | 23 |



for Inside TORX®-screws, cylinder head screws on engines, various Ford types

992 S

Lg-

T 55

TORX®

1/2"



| HAZET-No. | Ident-No. | mm | l ₁ mm | l ₂ mm | d mm |
|---------------|---------------|-------|----------------------|----------------------|---------|
| 992 S Lg-T 55 | 24 87 13 0018 | 11,22 | 102 | 140 | 23 |

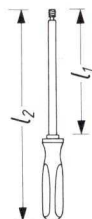


Guide Pin Driver Set

2570

Special steel

for centering the cylinder head gasket when mounting the cylinder head upon the engine block in VW-Audi cars and trucks, with black trinamic®-handle, (protected by design patent), with 4 guide pins, **burnished**



| HAZET-No. | Ident-No. | Contents | l ₁ mm | l ₂ mm |
|-----------|---------------|---------------------------------------|----------------------|----------------------|
| 2570/5 | 57 98 61 0001 | Driver with 2 guide pins of each size | 165 | 275 |

Driver with M8-I. h. threads

| | | | | |
|------|---------------|--------------------|-----|-----|
| 2570 | 57 98 61 0002 | without guide pins | 160 | 270 |
|------|---------------|--------------------|-----|-----|

Guide Pins

| HAZET-No. | Ident-No. | Outside sleeves-Ø M | l mm |
|---------------|--------------------------------|------------------------|----------|
| 2570-07 09 | 57 98 61 0003 57 98 61 0004 | 11 x 1,5 12 | 30 40 |


HAZET
Screwdriver Socket
2751

Chrome-Vanadium

 with round blade 10.2 mm Ø,
for XZN screws, for cylinder head screws
in Mercedes-Benz W 201 (190/190 E),
MB-No. 601 589 00 10 00,

chrome-plated

1/2"



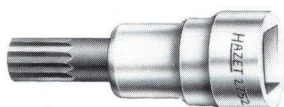
| HAZET-No. | Ident-No. | M | l mm | |
|-----------|---------------|----|---------|--|
| 2751 | 24 87 17 0013 | 10 | 140 | |

HAZET
2752

 for cylinder head screws
on Mercedes-Benz 8-Cyl.-engine of the SL-class,
300 SL-24, 500 SL, 300 E-24, 300 CE-24, 300 TE-24,
MB-No. 119 589 00 10 00,

chrome-plated, blades burnished

1/2"


New

| | | | | |
|------|---------------|----|----|--|
| 2752 | 24 87 17 0015 | 12 | 55 | |
|------|---------------|----|----|--|

HAZET
Cylinder Head Wrench
2758
-17

Chrome-Vanadium

 for cylinder head screws
in Mercedes-Benz OM 401, 402/422, LA, 403, 407 h,
MB-No. 403 589 02 03 00,

chrome-plated

1/2"



| HAZET-No. | Ident-No. | S mm | l mm | |
|-----------|---------------|---------|---------|--|
| 2758-17 | 57 19 61 0004 | 17 | 165 | |

HAZET
Socket
2925
TORX®

long pattern, Chrome-Vanadium

 for outside TORX® screws on BMW-Cylinder head,
Motor M 42, 1.8 l, 4 cylinder with 4-Valve technique
318 is since 1989

 Motor M 50, 2.0 l, 2.5 l, 6 cylinder with 4-Valve
technique, series 5, since 1990

chrome-plated

1/2"



| HAZET-No. | Ident-No. | | mm | l mm | |
|-----------|---------------|------|-------|---------|--|
| 2925 | 57 19 61 0005 | E 12 | 11,17 | 135 | |

HAZET
3432
**Special Wrench
for cylinder head screws**

Chrome-Vanadium

 for cylinder head screws
in 1.9; 2.1; 2.3; 2.5 l Diesel engines,
Ford-Granada, Sierra,
Peugeot 504, 505 gasoline and diesel

chrome-plated

1/2"



| HAZET-No. | Ident-No. | S mm | l mm | |
|-----------|---------------|---------|---------|--|
| 3432 | 57 19 61 0001 | 17 | 110 | |

HAZET
4101
Hour Glass Socket

Chrome-Vanadium

for Jaguar,

chrome-plated

1/2"



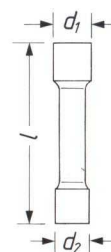
| HAZET-No. | Ident-No. | S " | l mm | |
|-----------|---------------|--------|---------|--|
| 4101 | 57 19 61 0002 | 11/16 | 100 | |

HAZET
4376
Cylinder Head Wrench

Chrome-Vanadium

 for cylinder head studs
in Nissan-SD-engines,
chrome-plated

1/2"



| HAZET-No. | Ident-No. | mm | l mm | d ₁ mm | d ₂ mm | |
|-----------|---------------|----|---------|----------------------|----------------------|--|
| 4376 | 57 19 61 0003 | 19 | 100 | 25 | 22,5 | |

HAZET
6690
Mechanical Angle Dial

 for tightening screws as a function
of the torsion angle,

 for use between Torque Wrenches
with 1/2" ■ drive tang and
sockets with 1/2" □ drive,

 with a flexible magnetic holder
for the fixed point

 Torque Wrench HAZET 6121-1 CT
or 6122-1 CT see page 40,

 Please consider torque values and instructions
given by car manufacturers

1/2"

1/2"



| HAZET-No. | Ident-No. | | | Ø mm | |
|-----------|---------------|--------|----|---------|--|
| 6690 | 62 60 96 0001 | 0-360° | 1° | 95 | |

DRIVETRAIN



HAZET

793

(old
ref.-no
801)

Cylinder Head Tightness Tester – Twin Chamber Unit –

for the dependable detection of leaks between the combustion chamber and cooling system in water-cooled internal combustion engines (gas, diesel oil and petrol),

in HAZET coloured sheet metal box
320 x 120 x 55 mm



continued



Cylinder Head – Tester –

HAZET

793

(old
ref.-no
801)

Cylinder Head Tightness Tester

(continued)

| HAZET- No. | Ident-No. | Contents | |
|---------------|---------------|----------------------|--|
| 793/3 | 44 98 35 0001 | 793-1 Tester | |
| | | 793-2 Reaction fluid | |
| | | 793-3 Flushing fluid | |

Components

| | | | |
|--------------|---------------|----------------|--|
| 793-1 | 57 40 61 0001 | Tester | |
| 793-2 | 57 40 61 0002 | Reaction fluid | |
| 793-3 | 57 40 61 0003 | Flushing fluid | |

DRIVETRAIN



HAZET

3090

/6

1/2"



Screwdriver Sockets

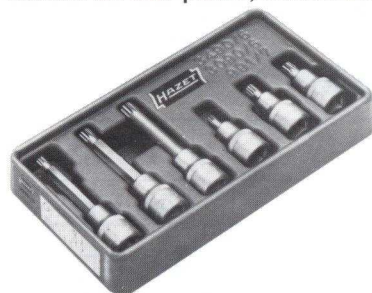
for XZN screws

Sockets: Chrome-Vanadium,
Blades: Special High Tensile Steel
high-precision snug fit,

very exact snug fit,

e. g. for cylinder head screws on Ford, Opel,
Mercedes-Benz etc.

Sockets **chrome-plated**, Blades **steel-grey**



Set in transparent plastic container

| HAZET- No. | Ident-No. | Contents | |
|---------------|---------------|---------------------------------------|--|
| 3090/6 | 44 24 31 0002 | 990-6, -8, Lg-8, -10, Lg-10, Lg-12 | |



Cylinder Head – Miscellaneous –

HAZET

3490

/6

1/2"



Screwdriver Sockets

for hollow hex head screws, XZN,
and RIBE CV screws,

Sockets: Chrome-Vanadium,
Blades: Special High Tensile Steel,

for cylinder head screws especially on Ford,

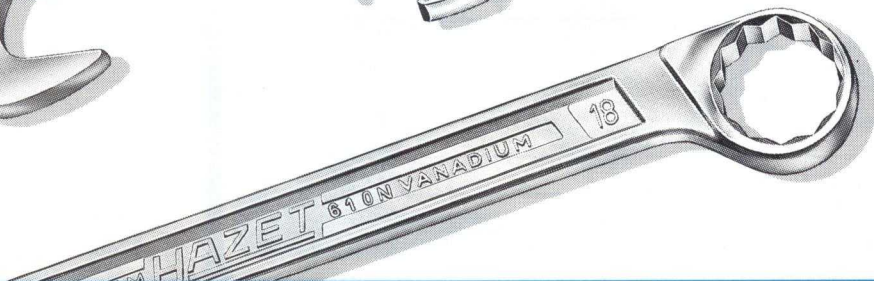
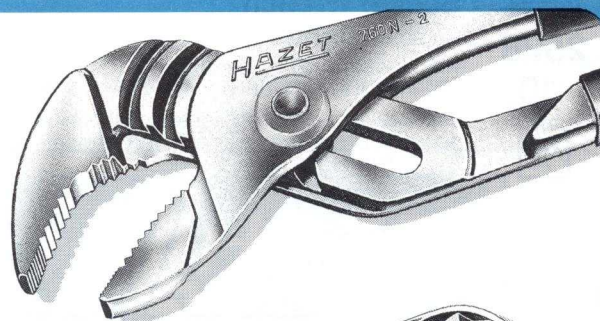
Sockets **chrome-plated**, Blades **steel-grey**



Set in transparent plastic container

| HAZET- No. | Ident-No. | Contents | |
|---------------|---------------|--|--|
| 3490/6 | 44 24 31 0003 | 986 Lg-8, 990-6, -8, -14, 991-6, -8 | |

HAZET





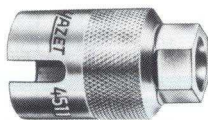
Wrench Socket

4511

Chrome-Vanadium

for insertion and removal of the circulating air shut-off valve in VW-transporters, type II, Polo-Coupé 1.1 l, 1.3 l, Opel 1.3 l, S-engines with ZE 3-carburettors, 17 mm external hexagon drive,

chrome-plated



| HAZET-No. | Ident-No. | l mm | d mm |
|-----------|---------------|---------|---------|
| 4511 | 57 19 65 0002 | 45 | 27 |



Special Wrench

4512

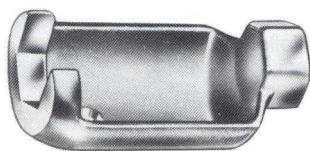
Chrome-Vanadium

for inserting and removing the idle cut-off valve in 1B 1-, 1B 2-, 1B 3-, 31 PICT and 34 PICT carburettors, VW-Audi, Mercedes-Benz, BMW, Opel,

half-shell shape

17 mm external hexagon drive,

chrome-plated



| HAZET-No. | Ident-No. | s mm | l mm |
|-----------|---------------|---------|---------|
| 4512 | 57 11 65 0001 | 17 | 55 |



Screwdriver

4517

Chrome-Vanadium

with trinamic®-handle (protected by design patent), black plastic material with finder sleeve

for adjusting the idling mixture and regulating screws on Pierburg carburettors, Opel, General-Motors, especially Opel-Vectra,

chrome-plated



| HAZET-No. | Ident-No. | Klinge mm | l mm |
|-----------|---------------|---------------|---------|
| 4517-0 | 57 39 65 0010 | 0,6 x 4 x 100 | 120 |

for valve adjustment in Opel-Ascona and Kadett D with OHC engine



| | | | |
|--------|---------------|--------------|----|
| 4517-2 | 57 39 65 0005 | 0,6 x 4 x 22 | 85 |
|--------|---------------|--------------|----|



Screwdriver

4517

Chrome-Vanadium

with trinamic®-handle (protected by design patent), black plastic material flexible,

for VW-AUDI and FORD passenger cars with Pierburg-carburettors model 87



| HAZET-No. | Ident-No. | Blade mm | l mm |
|-----------|---------------|---------------|---------|
| 4517-5 | 57 39 65 0008 | 0,6 x 4 x 235 | 335 |



Extractors

4518

Special steel

with trinamic®-handle

(protected by design patent), black plastic material

for safety lock of the mixture adjustment screw on V 20 electronic-carburettors engine M 102, type 124 MERCEDES-BENZ 200

MB-No. 102 589 03 33 00,

chrome-plated



| | | | |
|--------|---------------|----|-----|
| 4518-2 | 57 39 65 0009 | 70 | 130 |
|--------|---------------|----|-----|



Insertion Mandrels

4519

Chrome-Vanadium

with trinamic®-handle

(protected by design patent), black plastic material

for plugs (safety lock)

of mixture adjustment screw

on V 20 electronic-carburettors

engine M 102, type 124 MERCEDES-BENZ 200,

MB-No. 102 589 13 15 00,

chrome-plated



| | | | |
|--------|---------------|----|-----|
| 4519-2 | 57 45 65 0009 | 70 | 135 |
|--------|---------------|----|-----|



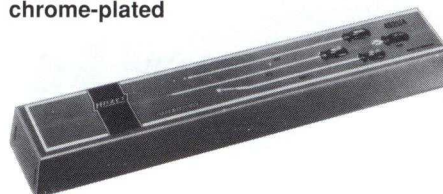
Tool Set

4521

Chrome-Vanadium

for adjusting idling mixture and regulating screws, for removing and mounting safety caps

chrome-plated



in HAZET-coloured cardboard boxes

| HAZET-No. | Ident-No. | Contents |
|-----------|---------------|-------------------------------------|
| 4521/4 | 34 98 30 0001 | 4517 Screwdriver 0,6 x 4 x 300 mm |
| | | 4518 Extractor 365 mm |
| | | 4519-1 Insertion Tool, bent, 350 mm |
| | | 4520 Pusher 80 mm |



Tool Set

4521
7

Chrome-Vanadium
for adjusting idling mixture and
regulating screws, for removing and
mounting safety caps
chrome-plated



cardboard blister package

| HAZET-No. | Ident-No. | Contents |
|-----------|---------------|-----------------------------------|
| 4521/7 | 44 98 37 0001 | 4517 Screwdriver 0,6 x 4 x 300 mm |
| | | 4518 Extractor 365 mm |
| | | 4518-1 dito, 185 mm |
| | | 4519 Insertion, straight, 180 mm |
| | | 4519-1 dito, bent, 350 mm |
| | | 4520 Pusher 80 mm |
| | | 4520-1 dito, 60 mm |



Bit Holder for Screwdriver Bits, flexible

4525
-1



1/4" hexagon drive,
to be used in connection with
Screwdriver Bit HAZET 4525-2
for carburettor adjustment (CO) in
engine series "A" and "L",
without air cleaner removal
on all Nissan-cars except
Stanza (T 11), 280 ZX, 280 ZX-T (S 130)
with flexible shaft,
with trinamic®-handle (protected by
design patent), black plastic material



| HAZET-No. | Ident-No. | l_1 mm | l_2 mm | d_1 mm | d_2 mm |
|-----------|---------------|-------------|-------------|-------------|-------------|
| 4525-1 | 35 30 20 0004 | 200 | 315 | 11 | 8 |



Screwdriver Bit

4525
-2



with Dovetail Blade Tip
Special steel
C 6.3 = 1/4" hexagon drive, DIN 3126,
to be used in connection with
Screwdriver Bit Holders
HAZET 4525-1 or HAZET 4525-3
for carburettor adjustment (CO)
on all Nissan-cars except
those with SU carburetors and
injection systems,
burnished



| HAZET-No. | Ident-No. | l mm |
|-----------|---------------|-----------|
| 4525-2 | 57 48 65 0007 | 30 |



Bit Holder for Screwdriver Bits, extra short pattern

4525
-3



Chrome-Vanadium
1/4" hexagon drive,
to be used in connection with
Screwdriver Bit HAZET 4525-2
for carburettor adjustment (CO) on Nissan-
Cherry 1982 (N 10), Stanza 1982 (T 11)
with trinamic®-handle (protected by
design patent), black plastic material



| HAZET-No. | Ident-No. | l_1 mm | l_2 mm | d_1 mm |
|-----------|---------------|-------------|-------------|-------------|
| 4525-3 | 35 29 20 0001 | 5 | 60 | 11 |



Carburettor Base Wrench

4530

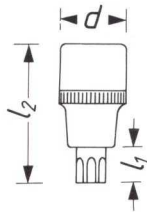
Chrome-Vanadium
for carburettor base fixation nuts
sizes S 10 and S 12 mm,
on all types Nissan-except Stanza, 280 ZX,
280 ZX-T also for
Mitsubishi passenger cars and Honda
passenger cars Prelude, Civic
chrome-plated




| HAZET-No. | Ident-No. | S mm | l mm |
|-----------|---------------|-----------|-----------|
| 4530 | 57 14 65 0001 | 10 x 12 | 210 |


Screwdriver Sockets
992 S
Lg-T45
TORX®
1/2"

Sockets: Chrome-Vanadium,
Blades: Special High Tensile Steel
1/2" □ drive (DIN 3120),
extra long pattern,
for Inside TORX®-screws,
on intake cover 2.8 l FORD-Scorpio
injection engine, VW-Passat
since April 1988
chrome-plated, blades steel-grey



| HAZET-No. | Ident-No. |  mm | l_1 mm | l_2 mm | d mm |
|--------------|---------------|--|----------|----------|--------|
| 992 S Lg-T45 | 24 87 13 0010 | 7,82 | 100 | 138 | 23 |


Special Wrench
2742
-13
3/8"

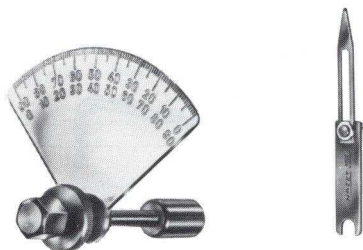
Chrome-Vanadium
e. g. for fixation nut
on fuel injection pump on Mercedes-Benz,
type 100, 130, 615, 616,
MB-No. 000 589 21 07 22,
in Set MB-No. 000 589 21 07 00,
chrome-plated



| HAZET-No. | Ident-No. | S mm | l mm |
|-----------|---------------|--------|--------|
| 2742-13 | 57 19 65 0001 | 13 | 240 |


Choke Angle Meter
4502

for choke adjustment
in VW-Audi injection systems



| HAZET-No. | Ident-No. | Angular Scale Range |
|-----------|---------------|---------------------|
| 4502 | 57 48 65 0001 | 0-90° |


Screwdriver
4516


Chrome-Vanadium
for hollow hex head screws 3 mm
to turn the mixture control screw
of the fuel injection distributor
on VW-Audi, Mercedes-Benz, Porsche 924,
Ford and BMW,
with trinamic®-handle (protected by design
patent) black plastic material
chrome-plated



| HAZET-No. | Ident-No. | Blade mm | l mm |
|-----------|---------------|----------|--------|
| 4516 | 57 39 65 0002 | 3 x 295 | 375 |


Open 12-Point Sockets
4550
3/8"

Chrome-Vanadium
for injection manifold
on BMW-diesel-engine,
chrome-plated



| HAZET-No. | Ident-No. | S mm | l mm |
|-----------|---------------|--------|--------|
| 4550 | 57 19 65 0003 | 17 | 115 |

1/2"

for injection manifolds
Mercedes-Benz 100, 130, 314, 360, 360 h,
352 A, 346/355, 401, 402, 403, 407 h,
615, 616, 617,
MB-No. 000 589 68 03 00

| | | | |
|--------|---------------|----|-----|
| 4550-1 | 57 19 65 0004 | 17 | 115 |
|--------|---------------|----|-----|

1/2"

for injection manifolds
Mercedes-Benz OM 352, A, 346/355, A,
401, 402/422, LA, 403, 407 h up to 4/74,
MB-No. 314 589 01 03 00

| | | | |
|--------|---------------|----|-----|
| 4550-2 | 57 19 65 0005 | 19 | 120 |
|--------|---------------|----|-----|


Open Box Wrench
4550
-14
1/4"

Chrome-Vanadium
for injection pipe cap nuts
on 4-cylinder diesel-engines
Mercedes-Benz 190 D,
MB-No. 000 589 77 03 00,
chrome-plated



| | | | |
|---------|---------------|----|----|
| 4550-14 | 57 13 65 0003 | 14 | 33 |
|---------|---------------|----|----|


Open 12-Point Socket
4550
-30
1/2"

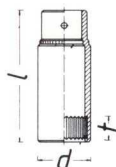
Chrome-Vanadium

 for the nut-fastening on injection nozzle Mercedes-Benz, on OM 314, 352 A, 360, 360 h, 346/355, A, MB-No. 346 589 00 13 00,
chrome-plated


| HAZET-No. | Ident-No. | s mm | l mm | |
|-----------|---------------|---------|---------|--|
| 4550-30 | 57 19 65 0006 | 30 | 136 | |


12-Point Sockets
4555
1/2"

Chrome-Vanadium

 for injection nozzles on diesel engines VW-Audi, Mercedes-Benz, Opel, Ford, Peugeot-Talbot, Volvo, Toyota, Mazda, Nissan, Mitsubishi, Daihatsu, MB-No. 001 589 65 09 00, for turning the engine over at the crankshaft hex head screw, with special relief-turned section to accommodate the small leakage return tubes,
chrome-plated


| HAZET-No. | Ident-No. | s mm | l mm | d mm | t mm |
|-----------|---------------|---------|---------|---------|---------|
| 4555 | 57 19 65 0007 | 27 | 82 | 36,2 | 15 |

for injection nozzles BMW-Diesel 524 td, Ford-Diesel Lincoln Continental (USA), Lincoln Mark VII, VII LSC



| | | | | | |
|--------|---------------|----|----|------|----|
| 4555-1 | 57 19 65 0008 | 27 | 82 | 36,2 | 15 |
|--------|---------------|----|----|------|----|

for injection nozzles on VW-Polo 1.3 l Diesel engine with inside bore hole 22 mm Ø



| | | | | | |
|--------|---------------|----|----|----|----|
| 4555-3 | 57 19 65 0012 | 22 | 82 | 25 | 21 |
|--------|---------------|----|----|----|----|


Polygon Socket
4556
1/2"

Chrome-Vanadium

 for mounting and dismantling the injection pump stub pipe and pressure valve for fuel supply overflow tests, all Mercedes-Benz diesel passenger cars, MB-No. 617 589 01 09 00, with 33 teeth,
chrome-plated


| | | | | | |
|------|---------------|---------|------|----|------|
| 4556 | 57 19 65 0009 | 17,9x20 | 55,5 | 24 | 16,5 |
|------|---------------|---------|------|----|------|

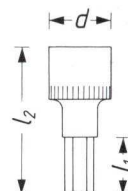

Crown Wrench
4558
1/2"

Chrome-Vanadium

 for tightening and slackening the nozzle holder nuts in Mercedes-Benz trucks OM 401/421, OM 402/422, LA, A, OM 403/423, OM 470 h, MB-No. 403 589 04 07 00,
chrome-plated


| HAZET-No. | Ident-No. | l mm | |
|-----------|---------------|---------|--|
| 4558 | 57 19 65 0010 | 72 | |


Screwdriver Socket
4559
1/2"

 Chrome-Vanadium, blade of special steel for hollow hex head screws, long pattern, for mounting and removing the plastic bushes for injection valves in VW injection type engines,
chrome-plated, blade steel-grey


| HAZET-No. | Ident-No. | s mm | l1 mm | l2 mm | d mm |
|-----------|---------------|---------|----------|----------|---------|
| 4559 | 57 24 65 0001 | 13 | 25 | 70 | 24 |


Open Double-End Box Wrench
4560

Chrome-Vanadium

 for injection nozzles in VW-Audi-diesel-engines, 1.6 l, 4-Cyl., 2.0 l, 5-Cyl., 2.4 l, 6-Cyl.,
chrome-plated


| HAZET-No. | Ident-No. | s mm | l mm | |
|-----------|---------------|---------|---------|--|
| 4560 | 57 14 65 0002 | 17 x 17 | 220 | |


Single Hex Box Wrench
4561

Chrome-Vanadium

 for removing and tightening the fixation screws in injection pump, setting the starting time of the injection and/or for changing the toothed belt in 1.6 l 4-Cyl. diesel engine Audi 80 L, CL, GL, CD, Golf, Jetta, Caddy, Passat, Santana
chrome-plated


| | | | | |
|------|---------------|----|-----|--|
| 4561 | 57 13 65 0004 | 13 | 155 | |
|------|---------------|----|-----|--|



HAZET

1969

Impact Drive Shaft Puller

Special steel

for removing rear axle on Nissan
– Sunny, Bluebird, Laurel, Patrol, Urvan –,
galvanized



| HAZET-No. | Ident-No. | l mm | |
|-----------|---------------|---------|--|
| 1969-14 | 57 38 78 0001 | 470 | |

HAZET

4378

Puller

Special steel

for removing the front axle in NISSAN-Cherry
E 10, F 10, N 10,
galvanized, burnished



| HAZET-No. | Ident-No. | l mm | Pitch circle-Ø mm |
|-----------|---------------|---------|----------------------|
| 4378 | 57 38 78 0002 | 45 | 114 |



HAZET

2593

-1

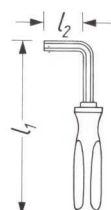
(old
ref.-no
2110-7)



Hex Head Wrench

Chrome-Vanadium

as **retainer** in connection with HAZET 2593-19,
-21, and -22 for removing and installing front spring
struts on VW-Polo, Derby, Golf, Jetta, Scirocco,
Passat, Audi 80, 100, 200, Coupé
with trinamic®-handle, black plastic
material (protected by design patent),
nickel-plated



| HAZET-No. | Ident-No. | s mm | l1 mm | l2 mm | |
|-----------|---------------|---------|----------|----------|--|
| 2593-1 | 57 39 71 0003 | 7 | 150 | 35 | |

HAZET

2593

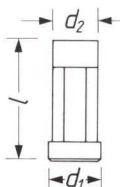
1/2"

6-Point Sockets

Chrome-Vanadium

for removing and installing the front spring struts
on VW-Polo (10.81-), Derby (2.82-),
Polo Coupé, Audi 50,

in connection with HAZET 2593-1
chrome-plated



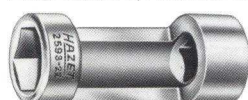
| HAZET-No. | Ident-No. | s mm | l mm | d1 mm | d2 mm | |
|-----------|---------------|---------|---------|----------|----------|--|
| 2593-19 | 57 19 71 0001 | 19 | 85 | 28,5 | 30 | |

for VW-Golf, Jetta since model 4/87



| HAZET-No. | Ident-No. | s mm | l mm | d1 mm | d2 mm | |
|-----------|---------------|---------|---------|----------|----------|--|
| 2593-21 | 57 19 71 0006 | 21 | 82 | 29 | 27 | |

for VW-Golf, Jetta up to model 87, Scirocco, Caddy,
Golf 84, Passat (11.80-), Santana, Audi 80 (8.78-),
Audi 100 (9.82-), 200 (9.83-), Audi Coupé,
Audi Quattro, Audi 80 Quattro



| HAZET-No. | Ident-No. | s mm | l mm | d1 mm | d2 mm | |
|-----------|---------------|---------|---------|----------|----------|--|
| 2593-22 | 57 19 71 0002 | 22 | 85 | 33 | 30 | |

HAZET

2593

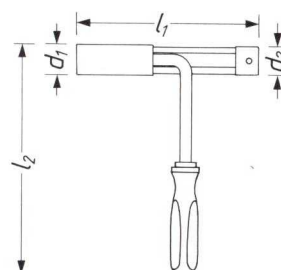
Lg

1/2"

6-Point Socket

Chrome-Vanadium

with retainer for removing and installing the rear
spring struts on VW-Passat (11.80-), Audi 100 (9.82-),
Audi 200 (9.83-), Santana,
with black HAZET-ergonomic® plastic handle
(protected by design patent),
chrome-plated



| HAZET-No. | Ident-No. | s mm | l1 mm | l2 mm | d1 mm | d2 mm | |
|------------|---------------|---------|----------|----------|----------|----------|--|
| 2593 Lg-17 | 57 19 71 0003 | 17 | 160 | 170 | 25 | 25 | |

HAZET

2594

Retainer

Chrome-Vanadium

for removing and installing the rear spring struts
on VW-Polo (10.81-), Derby (2.82-), Polo Coupé,
Audi 50, Golf, Caddy, Golf 84, Jetta, Scirocco, type 2,
LT 28, Audi 80 (8.78-), Audi Coupé
and front shock absorbers
on VW-van (6.79-), LT 28,
(control arm axle)

chrome-plated

| HAZET-No. | Ident-No. | Ø mm | l mm | d1 mm | d2 mm | |
|-----------|---------------|--------------|--------------|----------|----------|------|
| 2594 | 57 19 71 0004 | 5,1 x 8,1 | 6,1 x 8,1 | 200 | 14,5 | 16,0 |

CHASSIS



Steering



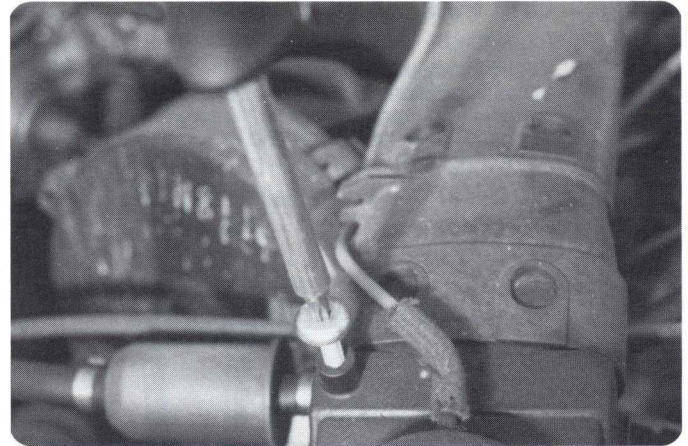
Screwdriver Bit

2223-T30H
TORX®

DIN 3126, Form C 6.3,
Special steel
for Inside TORX®-screws with centre pin,
1/4" hexagon drive,
for sensor screw (Airbag BMW)
steel-grey



| HAZET-No. | Ident-No. |  mm | l mm | |
|-----------|---------------|--|------|--|
| 2223-T30H | 35 63 13 0012 | 5,52 | 26 | |



CHASSIS



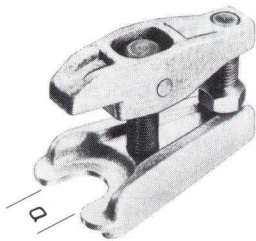
Steering Tie Rods



Universal Ball Joint Puller

779

Special steel
for removing the ball pivots
when dismantling the ball joints,
wide clamping range due to
infinite variability,
galvanized



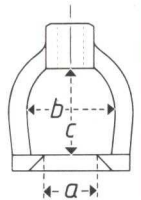
| HAZET-No. | Ident-No. | sb max. mm | a mm | |
|-----------|---------------|------------|-------|--|
| 779 | 49 38 98 0001 | 50 | 18-22 | |



Ball Joint Pullers

779

Special steel
for removing the ball pivots
when dismantling the ball joints,
galvanized



| HAZET-No. | Ident-No. | a mm | b mm | d mm | |
|-----------|---------------|------|------|------|--|
| 779-18 | 49 38 98 0002 | 18 | 36 | 36 | |
| 23 | 49 38 98 0003 | 23 | 44 | 45 | |
| 29 | 49 38 98 0004 | 29 | 55 | 60 | |
| 39 | 49 38 98 0005 | 39 | 62 | 75 | |

CHASSIS



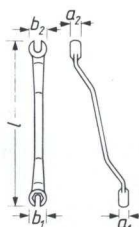
Brakes




Flare Nut Wrench

612 N

DIN 3118,
Chrome-Vanadium
with hexagon, with straight slot,
reinforced design, offset
for brake fluid tube unions,
chrome-plated



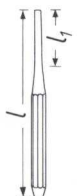
| HAZET-No. |  mm | Ident-No. | l mm | a1 mm | a2 mm | b1 mm | b2 mm | |
|---------------|--|---------------|------|-------|-------|-------|-------|--|
| 612 N-10 x 11 | | 57 14 72 0002 | 168 | 11 | 11 | 20 | 21,5 | |



Drift Pins

748 Lg

DIN 6450, Form C,
Chrome-Vanadium
air-hardened
Octagonal Stock,
Long pattern
specially for safety bolts
of brake discs
on various vehicles
black



| HAZET-No. | Ident-No. | l mm | l1 min. mm | Tips Ø max. mm | Material thickness mm | |
|------------|---------------|------|------------|----------------|-----------------------|--|
| 748 Lg b-4 | 49 22 98 0012 | 175 | 80 | 4 | 10 | |

continued



HAZET

748
Lg**Drift Pins**

(continued)

for the safety pins of pads in floating caliper disc brake especially in Opel-Kadett D, Ascona B and C, Manta B and Astra (England), with guide pin



| HAZET-No. | Ident-No. | l mm | l ₁ mm | d ₁ mm | d ₂ mm |
|------------|---------------|---------|----------------------|----------------------|----------------------|
| 748 Lg b-6 | 49 22 98 0013 | 175 | 90 | 3 | 5,8 |

HAZET

796-
797**Brake Spring Pliers**

Chrome-Vanadium

for detaching and fixing the brake shoe check spring, at riveted brake linings
chrome-plated



| HAZET-No. | Ident-No. | l mm | " |
|-----------|---------------|---------|--------|
| 796 | 57 53 72 0002 | 215 | 8. 1/2 |

with movable claw;
locks in any position desired,
plastic-coated handles
at riveted and glued brake linings



| | | | |
|-----|---------------|-----|----|
| 797 | 57 53 72 0003 | 330 | 13 |
|-----|---------------|-----|----|

HAZET

1966

Impact Extractors

Special steel

with interchangeable claws for disc brake linings

chrome-plated

Complete with claw (prongs 5.9 mm Ø), for **disc brake linings** on Opel, BMW, Mercedes-Benz, VW-Audi, Ford, Talbot, Fiat, Volvo, Daf, Saab etc.

| HAZET-No. | Ident-No. | l mm | Ø mm |
|-----------|---------------|---------|---------|
| 1966-1 | 57 38 72 0001 | 245 | 5,9 |

Complete with claw (prongs 4 mm Ø) for **disc brake linings** on Ford (Taurus, Capri), Peugeot, Volvo, Fiat, Austin etc.

| | | | |
|--------|---------------|-----|---|
| 1966-2 | 57 38 72 0002 | 245 | 4 |
|--------|---------------|-----|---|

HAZET

1968

Steel Wire Brush

narrow pattern, for cleaning all disc brake calipers, with plastic handle

black

| HAZET-No. | Ident-No. | l mm |
|-----------|---------------|---------|
| 1968 | 57 98 72 0001 | 220 |

HAZET

1968
-1**Caliper File**

Special steel

coarse bevel cut, with flat scraper, length with handle 260 mm, 12 mm wide, for the removal of brake dust, rust and dirt from the caliper shaft without any damage

Special cut permits disposal of residues in forward direction, no clogging of file, no asbestos dust due to blow-out, in a sheath,

steel grey

| | | |
|--------|---------------|-----|
| 1968-1 | 57 43 72 0001 | 150 |
|--------|---------------|-----|

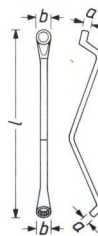
HAZET

1968
-9**Brake Bleeding Wrench**

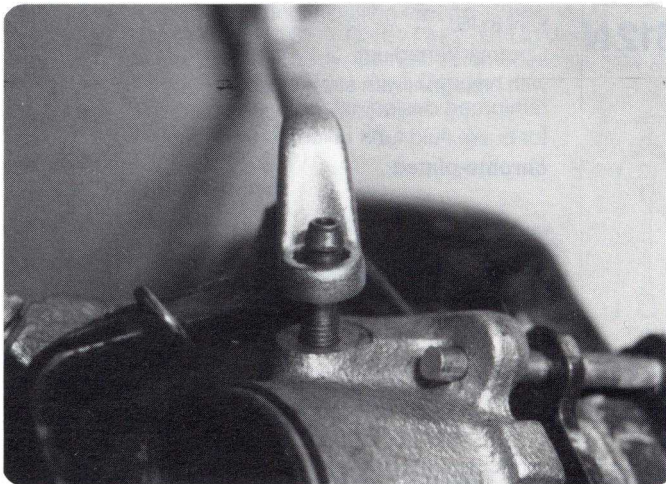
Chrome-Vanadium

Double-Hex Box Wrenches bent and offset, double-hex at both sides 9 mm,

for brake releasing without dismantling the wheels, on all Mercedes-Benz types, especially 300 SL and 500 SL, MB-No. 129 589 02 03 00,

chrome-plated

| HAZET-No. | Ø mm | Ident-No. | l mm | a mm | b mm |
|-----------|---------|---------------|---------|---------|---------|
| 1968- | 9 | 57 14 72 0003 | 208 | 6,5 | 15 |



**Tube Flaring Tool Set****2191**

12 parts
in HAZET-coloured sheet metal boxes
for tubes with a wall thickness of 0,7 and 1,0 mm,
for making open (F) or folded (E) flares
as per DIN 74 234,
normal 90° and 180° flares
**(for plastic covered brake lines use
HAZET 2193/4 K, see below)**



290 x 173 x 50 mm

| HAZET- No. | Ident-No. | Contents | |
|---------------|-----------|----------|--|
|---------------|-----------|----------|--|

Contents:

Tube Cutter
Double-Tube Flaring Unit
Gripping Jaws for E and F flares
Pipe Deburring Tool
Base Block for E and F flares and normal
180° flares
Thrust Blocks for E and F flares as per DIN 74 234
for Pipes with outside-Ø 4.75 5 6 8 9 10 mm
90° Thrust Block for the second operation E flares and
normal flares

| | | | |
|------------------|---------------|----------|--|
| 2191/12 K | 44 46 35 0001 | 12 parts | |
|------------------|---------------|----------|--|

**Tube Flaring Tool Set****2193**

4 parts
in HAZET-coloured sheet metal box
**especially for plastic-coated brake fluid
tubing 4.75 mm Ø,**
in VW-Audi (except vehicles with antilock system)



290 x 173 x 50 mm

| HAZET- No. | Ident-No. | Contents | |
|---------------|-----------|----------|--|
|---------------|-----------|----------|--|

Tube Cutter
Tube Flaring Unit
Bending Tool
Pipe Deburring Tool

| | | | |
|-----------------|---------------|---------|--|
| 2193/4 K | 44 46 35 0004 | 4 parts | |
|-----------------|---------------|---------|--|

**Cartridge Wrench****2195**

Special steel

1/2"**New**

for loosening of the granulates cartridge
at brake system of Mercedes-Benz commercial
vehicles with pneumatic drier
and trucks of other car brands,
1/2" inside □ drive,
MB-No. 655 589 00 61 00,
burnished



| HAZET- No. | Ident-No. | l mm | Ø max. mm | |
|---------------|---------------|---------|-----------------|--|
| 2195 | 57 98 72 0003 | 142 | 140 | |

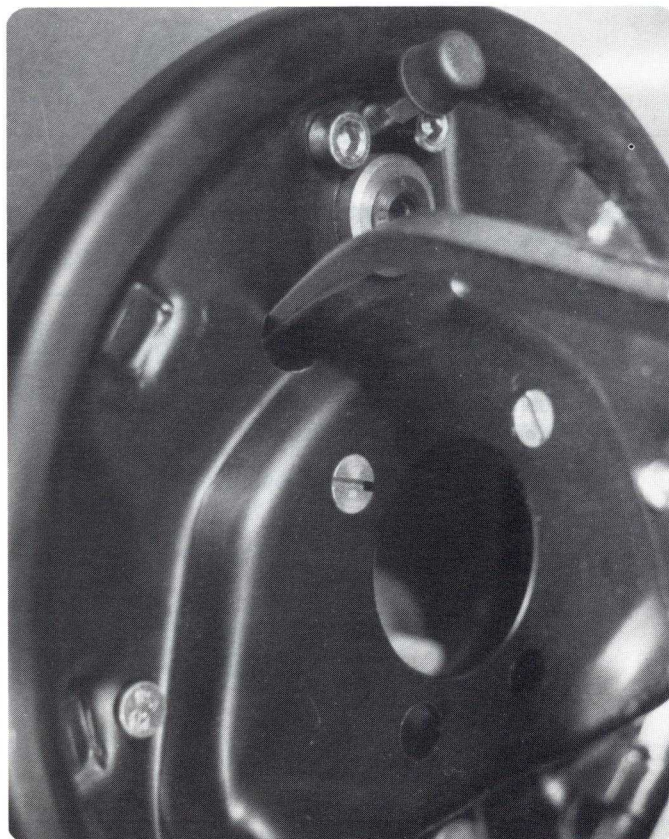
**Readjustment Lever****2582**

Chrome-Vanadium

for hook in the drum brake, with excentric adjustment
on various types
chrome-plated



| HAZET- No. | Ident-No. | l mm | |
|---------------|---------------|---------|--|
| 2582 | 57 32 72 0001 | 304 | |



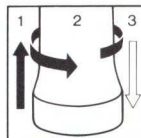
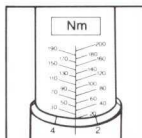


Torque Wrenches SYSTEM 6000 CT

with automatic close-gap release, palpable, audible and visible when torque setting is reached,

Release accuracy tolerance at right-hand-threads: $\pm 2\%$ of values selected, Tightening at torque setting is possible both to the right and left

Torque setting to be selected quickly and easily by turning wrench handle



| Torque Range Nm | Increase/Turn Nm | Graduation Nm |
|-----------------|------------------|---------------|
| 20-120 | 10 | 1 |
| 20-200 | 10 | 1 |
| 60-320 | 20 | 2 |
| 300-800 | 25 | 2,5 |



Torque Wrench

DBP and DBGM

DIN/ISO 6789

□-drive as per DIN 3120

with reversible ratchet

with locking knob for extra retention of torque setting



+ = in
Safe-Box

O = without signal
transmitter



Torque values: consider values given by car manufactures



6121-1 CT

6122-1 CT

for passenger-cars

| HAZET-No. | Ident-No. | drive ■ | Nm | l mm | |
|-------------|---------------|------------|--------|---------|--|
| 6121-1 CT + | 62 60 40 0002 | 1/2" | 20-120 | 430 | |
| 6122-1 CT + | 62 60 40 0003 | 1/2" | 20-200 | 545 | |



6123-1 CT

for commercial vehicles

| | | | | | |
|-----------|---------------|------|--------|-----|--|
| 6123-1 CT | 62 60 40 0004 | 1/2" | 60-320 | 660 | |
|-----------|---------------|------|--------|-----|--|



6145-1 CT

for trucks and busses
and tractors

| | | | | | |
|-------------|---------------|------|---------|------|--|
| 6145-1 CT O | 62 60 40 0007 | 3/4" | 300-800 | 1280 | |
|-------------|---------------|------|---------|------|--|

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Assistant 174

The Tool and Repair Kit of a new dimension. A Rolling Tool and Repair Kit for a clear arrangement of your large tool assortment.



- swing door with lockable swivel castor
- 5 drawers with partitions in different sizes and rubber edges
- Spacious bottom container for bulky items
- cable drum available
- 5 ball bearing wheels

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